

Media Project

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What is it?

- ◆ **Project to establish a database of media files available via the Web**
- ◆ **Live video via the Web of important Laboratory events**



Project Requirements

- ◆ Easy access to stored or live media
- ◆ Search capability
- ◆ Data input capability (publish media in the same manner as publishing web pages)
- ◆ Runs from browser on variety of platforms
- ◆ Handles live events



Applications

- ◆ Live events, with archival capability (colloquia, Presidential visits, etc.)
- ◆ Library catalog
- ◆ Safeguards and Security training
- ◆ ES&H training



Library Catalog

The screenshot shows a Netscape browser window titled "Netscape: LANL Research Library: Online Catalog". The address bar displays the URL: <http://library.lanl.gov:8001/QUERY%7Fnext=html/results.html%7Fentityquo=TRUE%7Fformat>. The main content area displays a record for a video recording.

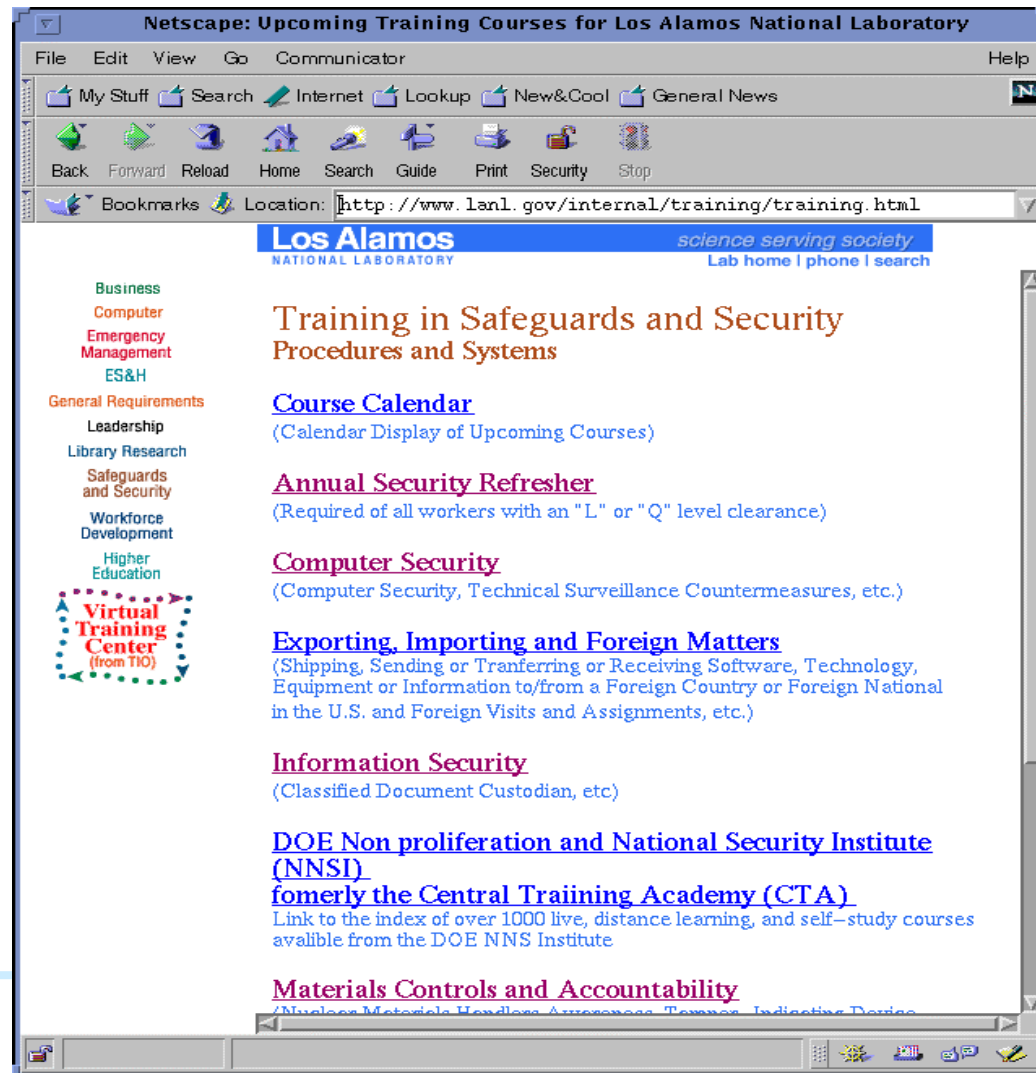
Record 2 of 10 [Mark](#) [Full Record](#) [Request Item](#)

Call No.: [QB500 .K66 1998](#)
Title: [The physics of Star Trek director's colloquium](#)[videorecording] : / Lawrence M. Krauss.
Author: [Krauss, Lawrence Maxwell](#) ; [Los Alamos National Laboratory](#).
Published: [Los Alamos, N.M. : Los Alamos National Laboratory,] 1998.
Description: 1 videocassette (VHS) (75 min.) : sd., col. ; 1/2 in.
Tech. Rept. No.: [98-105](#)

Location	Call Number	Status
MAIN	QB500 .K66 1998 c.1	DUE: 10/29/98
WWW	1.0MB http://www.lanl.gov/realmetafiles/dir/dircolloq.062398.ram	

The browser's status bar at the bottom shows a zoom level of 100% and a taskbar with various system icons.

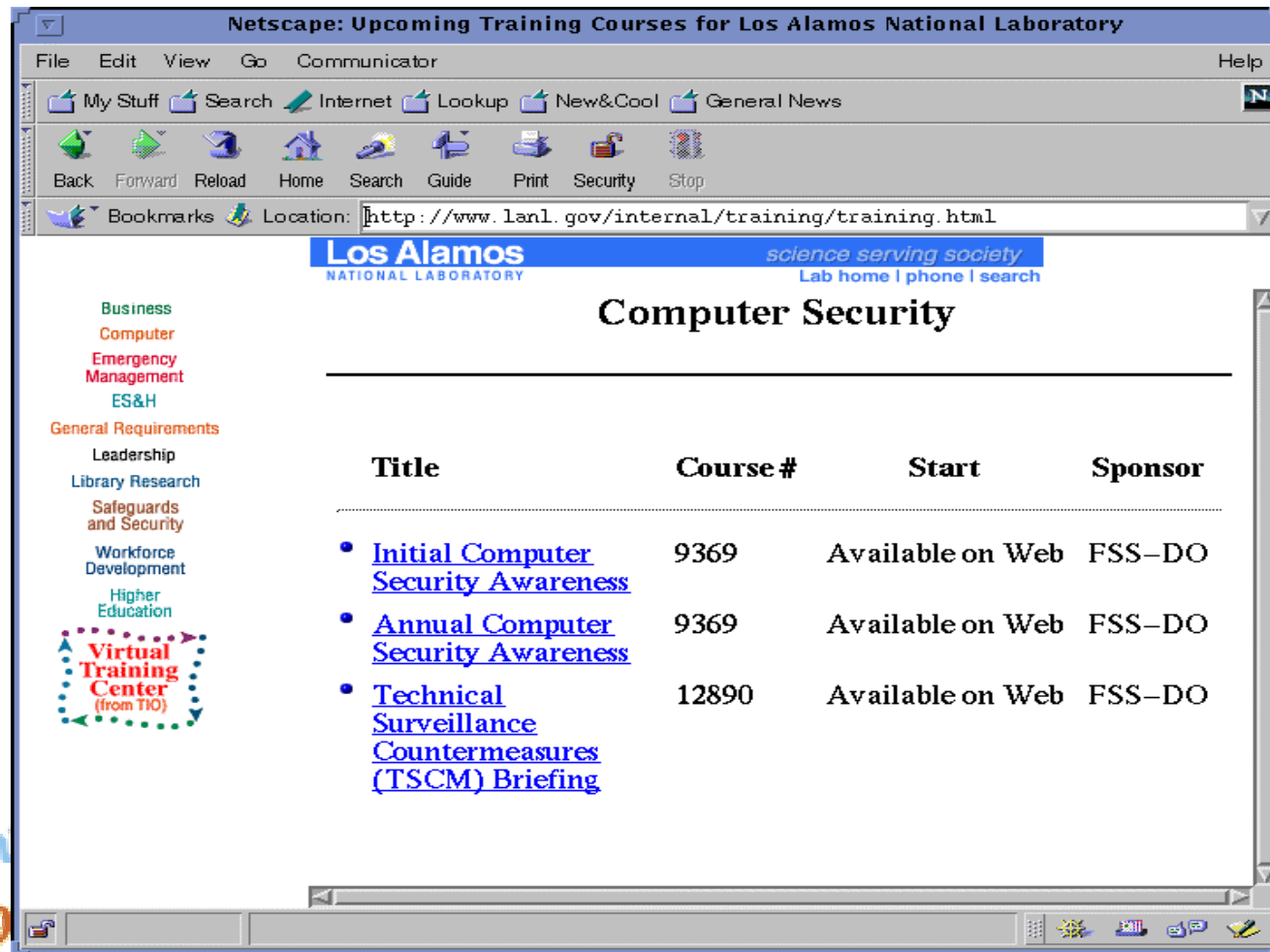
Safeguards & Security



IntraLab99

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Safeguards & Security



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science serving society
Lab home | phone | search

Computer Security

Title	Course #	Start	Sponsor
• Initial Computer Security Awareness	9369	Available on Web	FSS-DO
• Annual Computer Security Awareness	9369	Available on Web	FSS-DO
• Technical Surveillance Countermeasures (TSCM) Briefing	12890	Available on Web	FSS-DO

IntraLab9

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ES&H Training

Business
Computer
Emergency Management
ES&H
General Requirements
Leadership
Library Research
Safeguards and Security
Workforce Development
Higher Education
Virtual Training Center
(from TIO)



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Emergency Management
[Emergency Response](#)

Environment
[HAZWOPER](#)
[RCRA](#)
[Spills](#)
[Waste Management](#)

ES&H Management
[Facility General](#)

Health
[Biological](#)
[Chemical](#)
[Confined Space](#)
[Ergonomics](#)
[First Aid/CPR](#)
[Physical](#)
[Respiratory](#)

General Employee Training (GET)
Required for all new employees and contractors

Packaging and Transportation
[Core Driving Forms](#)
[Specific Hazards](#)

Radiation
[Criticality](#)
[Dosimetry](#)
[General Worker](#)
[Radiological Control Technician](#)
[Radiological Worker](#)

Safety
[Cranes](#)
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[Shop](#)
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[Skilled Crafts](#)
[ES&H Training and Calendar](#)

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Retrieval

Client (browser)

WWW



W4



W5



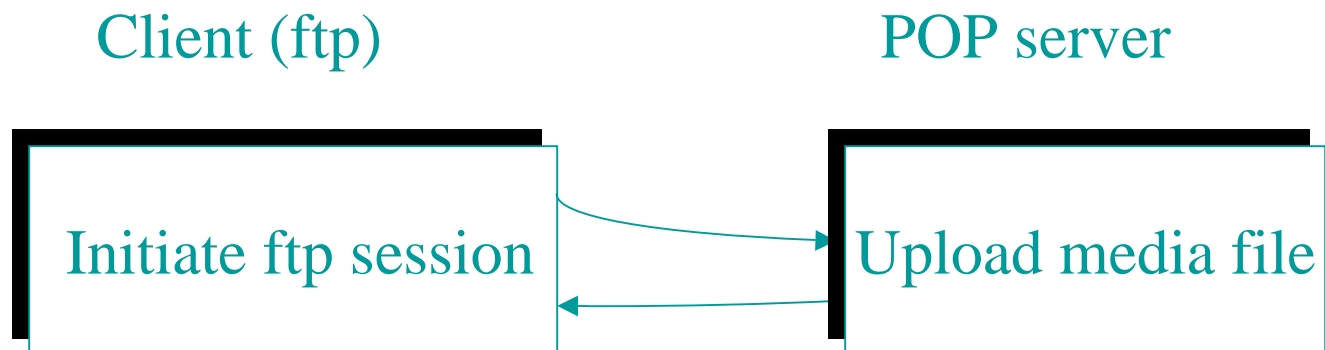
request

response

request

response

Data Input



Software used in Development

- ◆ Browse page: WebSQL, perl, html
- ◆ Search page: javascript, WebSQL, perl, html



Server Software

- ◆ **PC: Progressive Networks encoder**
- ◆ **W5: Progressive Networks Server, websql (Sybase product)**
- ◆ **WWW: Web server, SYBASE**



Client Software

- ◆ **Browser**
- ◆ **Free Real Media player**



Advantages

- ◆ **Makes training easier and cheaper (from the users' desktop)**
- ◆ **Live events available to more people**
- ◆ **Live events are archived for those who missed them**



Future Work

- ◆ Add to media collection
- ◆ Continue to encode live events
- ◆ Continue to look to new areas where this technology would be a plus

